

Customer No.: 31561
Application No.: 10/708,352
Docket No.: 10871-US-PA

AMENDMENT

To the Claims:

1. (previously presented) A back light module, comprising:
 - a frame;
 - a reflecting plate set on the bottom interior section of the frame;
 - at least a lamp set within the frame above the reflecting plate;
 - a diffusion plate set over the frame and above the lamp;
 - a plurality of optical films set over the diffusion plate; and
 - at least a supporting element set between the reflecting plate and the diffusion platewherein each supporting element has a first supporting section for supporting the diffusion plate and a second supporting section for supporting the lamp.
2. (original) The back light module of claim 1, wherein material constituting the supporting element comprises a transparent material.
3. (original) The back light module of claim 1, wherein the first supporting section separates from the diffusion plate by a first distance and the second supporting section separates from the lamp by a second distance.
4. (original) The back light module of claim 1, wherein the supporting element is a conical body having a tip section and a through hole, wherein the tip section of the conical body supports the diffusion plate and the through hole supports the lamp, and wherein a part of the lamp is positioned within the through hole.

Customer No.: 31561
Application No.: 10/708,352
Docket No.: 10871-US-PA

5. (original) The back light module of claim 1, wherein the supporting element is a thin triangular body having a tip section and a through hole, wherein the tip section of the thin triangular body supports the diffusion plate and the through hole supports the lamp, and wherein a part of the lamp is positioned within the through hole.

6. (original) The back light module of claim 1, wherein the supporting element is a U-shaped body with two conical branches, wherein the tip section of the conical branches supports the diffusion plate and the interior bottom surface of the U-shaped body supports the lamp.

7. (original) The back light module of claim 1, wherein one end of the supporting element is attached to the reflecting plate through a thermal glue layer.

8. (original) The back light module of claim 1, wherein one end of the supporting element is latched onto a corresponding groove on the reflecting plate.

9. (original) The back light module of claim 1, wherein the supporting element and the reflecting plate are locked together using a screw that passes through the frame and the reflecting plate.

10. (previously presented) A liquid crystal display, comprising:

a back light module, having:

a first frame;

a reflecting plate set up on the bottom interior section of the first frame;

at least a lamp set within the first frame above the reflecting plate;

a diffusion plate set over the first frame above the lamp;

Customer No.: 31561
Application No.: 10/708,352
Docket No.: 10871-US-PA

a plurality of optical films set over the diffusion plate; and
at least a supporting element set between the reflecting plate and the diffusion plate, wherein each supporting element has a first supporting section for supporting the diffusion plate and a second supporting section for supporting the lamp;
a liquid crystal panel above the optical films; and
a second frame positioned over the first frame and covering the edges of the liquid crystal panel.

11. (original) The liquid crystal display of claim 10, wherein material constituting the supporting element comprises a transparent material.

12. (original) The liquid crystal display of claim 10, wherein the first supporting section separates from the diffusion plate by a first distance and the second supporting section separates from the lamp by a second distance.

13. (original) The liquid crystal display of claim 10, wherein the supporting body is a conical body having a tip section and a through hole, wherein the tip section of the conical body supports the diffusion plate and the through hole supports the lamp, and wherein a part of the lamp is positioned within the through hole.

14. (original) The liquid crystal display of claim 10, wherein the supporting element is a thin triangular body having a tip section and a through hole, wherein the tip section of the thin triangular body supports the diffusion plate and the through hole supports the lamp, and wherein a part of the lamp is positioned within the through hole.

Customer No.: 31561
Application No.: 10/708,352
Docket No.: 10871-US-PA

15. (original) The liquid crystal display of claim 10, wherein the supporting element is a U-shaped body with two conical branches, wherein the tip section of the conical branches supports the diffusion plate and the interior bottom surface of the U-shaped body supports the lamp.
16. (original) The liquid crystal display of claim 10, wherein one end of the supporting element is attached to the reflecting plate through a thermal glue layer.
17. (original) The liquid crystal display of claim 10, wherein one end of the supporting element is latched onto a corresponding groove on the reflecting plate.
18. (original) The liquid crystal display of claim 10, wherein the supporting element and the reflecting plate are locked together using a screw that passes through the frame and the reflecting plate.